

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	0	rub%4 adj2 direction and protrusion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 12:25
L9	367	rub\$4 adj2 direction and protrusion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 13:26
L10	920	349/123	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 12:25
L11	24	10 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 12:41
L12	2	"6636192".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 15:45
L13	1	12 and rub\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 12:42
L14	71	rub\$4 adj2 direction and protrusion with (align\$4 orient\$5) adj2 (film layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 13:27
L15	238	rub\$4 adj2 direction and (protrusion projection bump protrud\$3 convex) with (align\$4 orient\$5) adj2 (film layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 13:42

## EAST Search History

L16	13	10 and 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 13:34
L17	32	10 and 15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 13:34
L18	19	17 not 16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 13:34
L19	113	rub\$4 adj2 direction and (protrusion projection bump protrud\$3 convex) with (align\$4 orient\$5) adj2 (film layer) and (peripher\$2 non?diplay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 13:44
L20	174	rub\$4 adj2 direction and (protrusion projection bump protrud\$3 convex) with (peripher\$2 non?diplay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 14:46
L21	98	rubbing adj2 direction and (protrusion projection bump protrud\$3 convex) with (peripher\$2 non?diplay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 14:37
L22	42	(rubbing align\$4 orient\$5) adj2 direction and (protrusion projection bump protrud\$3 convex) near4 (peripher\$2 non?diplay) adj2 (area region)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 14:39
L23	2190	rub\$4 adj2 direction and (protrusion projection bump protrud\$3 convex)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 14:47

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L24	1102	349/149	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 14:49
L25	45	24 and 23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 14:48
L26	238	rub\$4 adj2 direction and (protrusion projection bump protrud\$3 convex) with (align\$4 orient\$5) adj2 (film layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 14:48
L27	0	24 and 26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 14:49
L28	633	349/152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 14:49
L29	3	28 and 26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 14:49
L30	2	"6433767".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 15:46
L31	0	30 and alignment adj2 (layer film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 15:46

## EAST Search History

L32	4	"6433841".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 15:46
L33	1	32 and alignment adj2 (layer film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 15:54
L34	79	alignment adj2 (layer film) same peripher\$2 adj2 circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 16:12
L35	4	24 and 34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 16:05
L36	2	28 and 34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 16:00
L37	3	10 and 34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 16:05
L38	71	liquid adj2 crystal and alignment adj2 (layer film) same peripher\$2 adj2 circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 16:07